Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Monday 06 Feb 2023 until 23:59 on Tuesday 07 Feb 2023

Forecast Issued on Sunday 05 Feb 2023 at 11:54

Confidence: High for the pattern but lowering for cloud detail.

Headline for Monday 06 Feb 2023: Turning cloudy with some patchy rain in west. Winds freshening. Freezing level and inversion slowly lifting.

Mountain weather hazards on Monday 06 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Cloudy	Cloudy	Cloudy	Dull	Dull	Dull
Precipitation probability							
00%	00%	00%	10%	10%	20%	20%	20%

Forecast for Monday 06 Feb 2023

Weather: Dry with prolonged clear periods overnight. Some early bright and sunny spells, but cloud increasing during the morning, and remaining rather cloudy for the afternoon and evening, particularly in the west where patchy light rain or drizzle develops. However highest peaks occasionally clear above the inversion.

Chance of cloud-free hill tops above 800m: 90% plus at first, becoming late afternoon 10-20% in west and 70% in east

Low cloud and visibility: Good becoming moderate or poor in rain and drizzle, very poor within cloud with bases frequently lowering to 500m in west from late morning, less readily in the east.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Monday 06 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	18/22 S	17/21 S	19/24 S	21/26 S	23/30 SW	23/30 SW	24/31 SW	24/31 SW	20/27 S
600	16/21 S	14/19 S	18/25 S	16/23 SW	19/25 SW	19/26 SW	21/30 SW	19/27 SW	17/24 SW
300	4/15 S	4/14 S	5/16 S	6/17 S	8/20 S	8/21 SW	8/22 SW	7/20 SW	6/18 S
Valley	3/12 S	4/12 S	4/14 S	6/16 S	10/20 SW	10/20 SW	10/22 SW	10/22 SW	10/21 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-8	-2/-8	-2/-9	-2/-8	-1/-8	-1/-8	-1/-8	-1/-8	-0/-7
600	-0/-6	-0/-6	-1/-7	-0/-6	1/-5	1/-4	1/-5	1/-5	1/-4
300	0/-2	0/-2	0/-3	2/-1	3/0	4/0	3/0	3/0	3/0
Valley	3/1	3/1	3/1	4/2	6/3	6/3	6/3	6/3	6/3
Freezing Level*	600m	500m	500m	800m	800m	800m	800m	900m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill effect across peaks. Inversion near the freezing level. Winds significantly stronger just under the inversion than the values stated in the table.

Forecast for Tuesday 07 Feb 2023

Weather: Cloudy to overcast with patches light rain or drizzle and above 800m snow, mainly focused across the west of the Park.

Maximum wind: South to southwest 15-20mph at first, easing through the day

Chance of cloud-free hill tops above 800m: 10% or less in west 40% in east

Low cloud and visibility: Good becoming moderate or poor in rain and drizzle, very poor within cloud with bases extensive from 500m in west, occasionally so in east

Temperature: **Valleys:** Minus 2 Celsius rising 8 Celsius for the afternoon
At 800m: Plus 1 Celsius
Freezing level: 900-1000m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 5 February Location: Helvellyn summit at 14:30 Full report: A beautiful day of high pressure brought plenty of sunshine to the Lake District fells. However the clear skies meant a hard overnight frost down to valley level which only slowly thawed throughout the day. Generally the hills are now clear of snow. The few remaining snow patches are to be found on steep N through E aspects above 850m and in sheltered hollows and gullies. Here yesterdays wet thawing snow had quickly refrozen and was hard and icy today. Crampons and an ice axe were essential for anyone venturing on to it but any patches were easily avoided on all paths including Striding and Swirral Edges. Small unstable cornices also still exist above the east face of Helvellyn and should be given a wide berth. While crampons and an ice axe aren't currently required, your enjoyment and safety will be vastly increased if you go well equipped with plenty of warm and waterproof clothing, hats and gloves, food & fluid, a reliable and appropriate method of navigation and a headtorch. Temperature: minus 1.4C Maximum wind speed 28.1mph Wind chill: minus 11.1C Average wind speed: 26.3mph

Issued at: 1154 on Sun 05 Feb 2023

© Crown Copyright 2023. All Rights Reserved.